## INTERNATIONAL SEARCH REPORT

International Application No
/US2004/039091

A. CLASSII IPC 7	FICATION OF SUBJECT MATTER H01R13/24								
According to	International Patent Classification (IPC) or to both national classification	ition and IPC							
B. FIELDS	· · · · · · · · · · · · · · · · · · ·		<del></del>						
IPC 7	cumentation searched (classification system followed by classification $H01R$								
	ion searched other than minimum documentation to the extent that so								
	ata base consulted during the international search (name of data bas	se and, where practical, search terms used	)						
EPO-Internal									
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.						
А	DE 31 15 787 A1 (FEINMETALL GMBH) 4 November 1982 (1982-11-04) figure 2		1						
А	US 5 993 269 A (ITO ET AL) 30 November 1999 (1999-11-30) figures 3a,4a		1						
А	US 5 727 954 A (KATO ET AL) 17 March 1998 (1998-03-17) figures 1-4		1						
А	DE 839 216 C (THEODOR KIEPE ELEKTROTECHNISCHE FABRIK) 19 May 1952 (1952-05-19) figure 1		1						
Furt	her documents are listed in the continuation of box C.	χ Patent family members are listed i	n annex.						
° Special ca	itegories of cited documents:	*T* later document published after the inte	rnational filing date						
"A" docume	ent defining the general state of the art which is not	or priority date and not in conflict with cited to understand the principle or the	the application but						
"E" earlier	iered to be of particular relevance document but published on or after the international	invention "X" document of particular relevance; the c							
filing date  cannot be considered novel or cannot be considered to  t. document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another  cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  Y document of particular relevance; the claimed invention									
"O" docum	citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or  "O" document is combined with one or more other such docu-								
"P" docume	means ent published prior to the international filing date but han the priority date claimed	ments, such combination being obvious to a person skilled in the art.  & document member of the same patent family							
<b></b>	actual completion of the international search	Date of mailing of the international sea	rch report						
1	5 March 2005	29/03/2005							
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer							
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Information on patent family members

International Application No
International Application No I/US2004/039091

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 3115787	A1	04-11-1982	DE	3108523	A1	23-09-1982
US 5993269	Α	30-11-1999	JP KR	10189087 264548		21-07-1998 01-09-2000
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